

# 10035455\_CLSTITLES

Titles of most frequently occurring classifications of patents returned  
from a search of 10035455 on Aug 24 , 2007

- 6 704/230 (0 OR, 6 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 .SPEECH SIGNAL PROCESSING
  - 704/201 ..For storage or transmission
  - 704/230 ...Quantization
- 6 365/51 (6 OR, 0 XR)
  - Class 365 STATIC INFORMATION STORAGE AND RETRIEVAL
  - 365/51 .FORMAT OR DISPOSITION OF ELEMENTS
- 5 257/E27.085 (0 OR, 5 XR)
  - Class 257 ACTIVE SOLID-STATE DEVICES (E.G., TRANSISTORS, SOLID-STATE DIODES)
  - 257/E27.001 .DEVICE CONSISTING OF A PLURALITY OF SEMICONDUCTOR OR OTHER SOLID STATE COMPONENTS FORMED IN OR ON A COMMON SUBSTRATE, E.G., INTEGRATED CIRCUIT DEVICE (EPO)
  - 257/E27.009 ..Including semiconductor component with at least one potential barrier or surface barrier adapted for rectifying, oscillating, amplifying, or switching, or Including integrated passive circuit elements (EPO)
  - 257/E27.01 ...With semiconductor substrate only (EPO)
  - 257/E27.07 ....Including a plurality of individual components in a repetitive configuration (EPO)
  - 257/E27.081 .....Including field-effect component (EPO)
  - 257/E27.084 .....Dynamic random access memory, DRAM, structure (EPO)
  - 257/E27.085 .....One-transistor memory cell structure, i.e., each memory cell containing only one transistor (EPO)
- 5 704/200.1 (2 OR, 3 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 .SPEECH SIGNAL PROCESSING
  - 704/200.1 ..Psychoacoustic
- 5 704/229 (3 OR, 2 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 .SPEECH SIGNAL PROCESSING
  - 704/201 ..For storage or transmission
  - 704/229 ...Adaptive bit allocation
- 4 365/189.07 (0 OR, 4 XR)
  - Class 365 STATIC INFORMATION STORAGE AND RETRIEVAL
  - 365/189.01 .READ/WRITE CIRCUIT
  - 365/189.07 ..Including signal comparison
- 3 326/21 (2 OR, 1 XR)
  - Class 326 ELECTRONIC DIGITAL LOGIC CIRCUITRY
  - 326/21 .SIGNAL SENSITIVITY OR TRANSMISSION INTEGRITY
- 3 326/30 (1 OR, 2 XR)
  - Class 326 ELECTRONIC DIGITAL LOGIC CIRCUITRY
  - 326/21 .SIGNAL SENSITIVITY OR TRANSMISSION INTEGRITY
  - 326/30 ..Bus or line termination (e.g., clamping, impedance matching, etc.)

- 3 326/83 (1 OR, 2 XR)
  - Class 326 ELECTRONIC DIGITAL LOGIC CIRCUITRY
  - 326/62 .INTERFACE (E.G., CURRENT DRIVE, LEVEL SHIFT, ETC.)
  - 326/82 ..Current driving (e.g., fan in/out, off chip driving, etc.)
  - 326/83 ...Field-effect transistor
  
- 3 704/270 (1 OR, 2 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 .SPEECH SIGNAL PROCESSING
  - 704/270 ..Application
  
- 3 365/230.08 (0 OR, 3 XR)
  - Class 365 STATIC INFORMATION STORAGE AND RETRIEVAL
  - 365/230.01 .ADDRESSING
  - 365/230.08 ..Including particular address buffer or latch circuit arrangement
  
- 3 365/230.03 (0 OR, 3 XR)
  - Class 365 STATIC INFORMATION STORAGE AND RETRIEVAL
  - 365/230.01 .ADDRESSING
  - 365/230.03 ..Plural blocks or banks
  
- 3 704/203 (0 OR, 3 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 .SPEECH SIGNAL PROCESSING
  - 704/201 ..For storage or transmission
  - 704/203 ...Transformation
  
- 3 704/205 (0 OR, 3 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 .SPEECH SIGNAL PROCESSING
  - 704/201 ..For storage or transmission
  - 704/205 ...Frequency
  
- 2 326/62 (0 OR, 2 XR)
  - Class 326 ELECTRONIC DIGITAL LOGIC CIRCUITRY
  - 326/62 .INTERFACE (E.G., CURRENT DRIVE, LEVEL SHIFT, ETC.)
  
- 2 365/185.22 (2 OR, 0 XR)
  - Class 365 STATIC INFORMATION STORAGE AND RETRIEVAL
  - 365/185.01 .FLOATING GATE
  - 365/185.18 ..Particular biasing
  - 365/185.2 ...Reference signal (e.g., dummy cell)
  - 365/185.22 ....Verify signal
  
- 2 326/32 (0 OR, 2 XR)
  - Class 326 ELECTRONIC DIGITAL LOGIC CIRCUITRY
  - 326/21 .SIGNAL SENSITIVITY OR TRANSMISSION INTEGRITY
  - 326/31 ..Signal level or switching threshold stabilization
  - 326/32 ...Temperature compensation
  
- 2 326/86 (0 OR, 2 XR)
  - Class 326 ELECTRONIC DIGITAL LOGIC CIRCUITRY
  - 326/62 .INTERFACE (E.G., CURRENT DRIVE, LEVEL SHIFT, ETC.)

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- 326/82 ..Current driving (e.g., fan in/out, off chip driving, etc.)
- 326/83 ...Field-effect transistor
- 326/86 ....Bus driving
- 2 326/34 (0 OR, 2 XR)
  - Class 326 ELECTRONIC DIGITAL LOGIC CIRCUITRY
  - 326/21 ..SIGNAL SENSITIVITY OR TRANSMISSION INTEGRITY
  - 326/31 ..Signal level or switching threshold stabilization
  - 326/34 ...With field effect-transistor
- 2 365/189.05 (1 OR, 1 XR)
  - Class 365 STATIC INFORMATION STORAGE AND RETRIEVAL
  - 365/189.01 ..READ/WRITE CIRCUIT
  - 365/189.05 ..Having particular data buffer or latch
- 2 365/230.01 (0 OR, 2 XR)
  - Class 365 STATIC INFORMATION STORAGE AND RETRIEVAL
  - 365/230.01 ..ADDRESSING
- 2 365/233.5 (1 OR, 1 XR)
  - Class 365 STATIC INFORMATION STORAGE AND RETRIEVAL
  - 365/230.01 ..ADDRESSING
  - 365/233 ..Sync/clocking
  - 365/233.5 ...Transition detection
- 2 704/500 (2 OR, 0 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/500 ..AUDIO SIGNAL BANDWIDTH COMPRESSION OR EXPANSION
- 2 704/E19.04 (0 OR, 2 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/E19.001 ..SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESIS TECHNIQUES FOR REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO SIGNALS; COMPRESSION OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)
  - 704/E19.023 ..Using predictive techniques; codecs based on source-filter modelization (EPO)
  - 704/E19.039 ...Details of speech and audio coders (EPO)
  - 704/E19.04 ....Vocoder architecture (EPO)
- 2 326/121 (0 OR, 2 XR)
  - Class 326 ELECTRONIC DIGITAL LOGIC CIRCUITRY
  - 326/104 ..FUNCTION OF AND, OR, NAND, NOR, or NOT
  - 326/112 ..Field-effect transistor (e.g., JFET, etc.)
  - 326/119 ...MOSFET (i.e., metal-oxide semiconductor field-effect transistor)
  - 326/121 ....CMOS
- 2 713/600 (2 OR, 0 XR)
  - Class 713 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT
  - 713/600 ..CLOCK CONTROL OF DATA PROCESSING SYSTEM, COMPONENT, OR DATA TRANSMISSION
- 2 326/27 (2 OR, 0 XR)
  - Class 326 ELECTRONIC DIGITAL LOGIC CIRCUITRY
  - 326/21 ..SIGNAL SENSITIVITY OR TRANSMISSION INTEGRITY

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- 326/26 ..Output switching noise reduction
- 326/27 ...With field effect-transistor
- 2 326/93 (0 OR, 2 XR)
  - Class 326 ELECTRONIC DIGITAL LOGIC CIRCUITRY
  - 326/93 .CLOCKING OR SYNCHRONIZING OF LOGIC STAGES OR GATES
- 2 326/98 (1 OR, 1 XR)
  - Class 326 ELECTRONIC DIGITAL LOGIC CIRCUITRY
  - 326/93 .CLOCKING OR SYNCHRONIZING OF LOGIC STAGES OR GATES
  - 326/95 ..Field-effect transistor
  - 326/98 ...MOSFET
- 2 365/63 (1 OR, 1 XR)
  - Class 365 STATIC INFORMATION STORAGE AND RETRIEVAL
  - 365/63 .INTERCONNECTION ARRANGEMENTS
- 2 365/226 (0 OR, 2 XR)
  - Class 365 STATIC INFORMATION STORAGE AND RETRIEVAL
  - 365/226 .POWERING
- 2 375/340 (2 OR, 0 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/316 .RECEIVERS
  - 375/340 ..Particular pulse demodulator or detector
- 2 704/226 (0 OR, 2 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 .SPEECH SIGNAL PROCESSING
  - 704/201 ..For storage or transmission
  - 704/226 ...Noise
- 2 341/200 (1 OR, 1 XR)
  - Class 341 CODED DATA GENERATION OR CONVERSION
  - 341/200 .QUANTIZER
- 2 370/290 (0 OR, 2 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/276 .DUPLEX
  - 370/282 ..Transmit/receive interaction control
  - 370/286 ...Echo suppression or cancellation
  - 370/290 ....Using a particular adaptive filter
- 2 375/231 (1 OR, 1 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/229 .EQUALIZERS
  - 375/230 ..Automatic
  - 375/231 ...Training period or initial set up
- 2 375/350 (0 OR, 2 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/316 .RECEIVERS
  - 375/346 ..Interference or noise reduction
  - 375/350 ...By filtering (e.g., digital)

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2 704/E19.02 (0 OR, 2 XR)

Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/E19.001 .SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESIS TECHNIQUES FOR REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO SIGNALS; COMPRESSION OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)

704/E19.01 ..Using spectral analysis, e.g., transform vocoders, subband vocoders, perceptual audio coders, psychoacoustically based lossy encoding, etc., e.g., MPEG audio, Dolby AC-3, etc. (EPO)

704/E19.02 ...Using orthogonal transformation (EPO)

2 704/219 (1 OR, 1 XR)

Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/200 .SPEECH SIGNAL PROCESSING

704/201 ..For storage or transmission

704/219 ...Linear prediction

2 704/E19.032 (0 OR, 2 XR)

Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/E19.001 .SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESIS TECHNIQUES FOR REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO SIGNALS; COMPRESSION OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)

704/E19.023 ..Using predictive techniques; codecs based on source-filter modelization (EPO)

704/E19.026 ....Determination or coding of the excitation function; determination or coding of the long-term prediction characteristics (EPO)

704/E19.032 ....Determination or coding of a multipulse excitation (EPO)

2 379/406.13 (2 OR, 0 XR)

Class 379 TELEPHONIC COMMUNICATIONS

379/406.01 .ECHO CANCELLATION OR SUPPRESSION

379/406.06 ..Using digital signal processing

379/406.12 ...Frequency domain analysis

379/406.13 ....Fourier analysis

2 379/406.08 (0 OR, 2 XR)

Class 379 TELEPHONIC COMMUNICATIONS

379/406.01 .ECHO CANCELLATION OR SUPPRESSION

379/406.06 ..Using digital signal processing

379/406.08 ...Adaptive filtering

2 246/194 (2 OR, 0 XR)

Class 246 RAILWAY SWITCHES AND SIGNALS

246/167R .CAB SIGNAL OR TRAIN CONTROL

246/192R ..Train mechanism

246/193 ...Electric or magnetic

246/194 ....Inductive

2 246/63R (0 OR, 2 XR)

Class 246 RAILWAY SWITCHES AND SIGNALS

246/20 .BLOCK-SIGNAL SYSTEMS

246/27 ..Automatic

246/28R ...Electric

246/62 ....Cab signal or train control

246/63R .....Inductive

- 2 375/343 (0 OR, 2 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/316 .RECEIVERS
  - 375/340 ..Particular pulse demodulator or detector
  - 375/343 ...Correlative or matched filter
  
- 2 375/290 (2 OR, 0 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/286 .MULTILEVEL
  - 375/290 ..Partial response